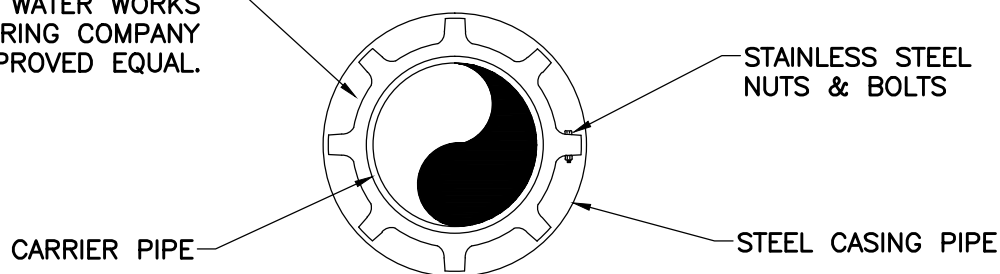
**NOTE:**

1. CASING INSULATORS SHALL BE MADE WITH SPECIAL RUNNER HEIGHTS SO AS NOT TO INTERFERE WITH PIPE JOINTS.
2. ALL CARRIER PIPES MUST HAVE MECHANICALLY RESTRAINED JOINTS.
3. INSULATOR SPACING SHALL BE AS REQUIRED BY THE MANUFACTURER,. HOWEVER, NO LESS THAN FOUR (4) CASING INSULATORS SHALL BE INSTALLED PER LENGTH OF PIPE.
4. CASING LENGTH SHALL EXTEND A MINIMUM OF 7 FEET BEYOND THE EDGE OF PAVEMENT OR CURBING.

CASING INSULATOR BY
CASCADE WATER WORKS
MANUFACTURING COMPANY
OR APPROVED EQUAL.



ENGINEERING DIVISION
CITY OF GERMANTOWN

JACK AND BORE DETAIL

DRAWN:	COG	DATE:	01.15.10
CHECKED:	WRJ	REVISED:	
APPROVED:	CTG	SCALE:	NTS